

Title (en)  
RESIDUAL ECHO ESTIMATION FOR ECHO CANCELLATION

Title (de)  
RESTECHOSCHÄTZER ZUR ECHOUNTERDRÜCKUNG

Title (fr)  
ESTIMATION D'ECHO RESIDUEL POUR SUPPRESSION D'ECHO

Publication  
**EP 1317845 A2 20030611 (EN)**

Application  
**EP 01971021 A 20010914**

Priority  
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Abstract (en)  
[origin: WO0223755A2] Real and imaginary components of the discrete Fourier transform (DTF) of the residual echo in an acoustic echo cancellation system are separately estimated using mapping functions derived without an assumption of statistical independence between separate components of a near-end microphone input signal. The residual echo estimator calculates the real and imaginary components using an approximation of the microphone input signal without the echo. A different approximation is used depending on whether the near-end talker and/or the far-end talker are talking.

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**H04M 9/08**

IPC 8 full level  
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Citation (search report)  
See references of WO 0223755A2

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